



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Rea et al.

**Serial No.:** 09/666,430

**Filed:** September 21, 2000

**For:** DENDRITIC CELL ACTIVATED IN  
THE PRESENCE OF GLUCOCORTICOID  
HORMONES ARE CAPABLE OF  
SUPPRESSING ANTIGEN-SPECIFIC T  
CELL RESPONSES

**Confirmation No.:** 6289

**Examiner:** G. Ewoldt

**Group Art Unit:** 1644

**Attorney Docket No.:** 2183-4205.1US

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EV325784205US

Date of Deposit with USPS: November 21, 2003

Person making Deposit: Christopher Haughton

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission

that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

Other Documents

AHFS Drug Information 91, p. 1810.

Molecular Biology of the Cell, 1989, pp. 1044-48.

Remington's Pharmaceutical Sciences, 1985, pp. 958-72, Mack Publishing Company, USA.

Fujikawa v. Wattanasin, 93 F.3d. 1559, August 28, 1996, Decided.

Dictionary of Genetics, 1997, pp. 14, 332, Oxford University Press, USA.

CRONSTEIN et al., A mechanism for the antiinflammatory effects of corticosteroids: The glucocorticoid receptor regulates leukocyte adhesion to endothelial cells and expression of endothelial-leukocyte adhesion molecule 1 and intercellular adhesion molecule 1, Proc. Natl. Acad. Sci., November 1992, pp. 9991-95, Vol. 89, USA.

GRETEN et al., Direct visualization of antigen-specific T cells: HTLV-1 Tax11-19-specific CD8+ T cells are activated in peripheral blood and accumulate in cerebrospinal fluid from HAM/TSP patients, Proc. Natl. Acad. Sci., June 1998, pp. 7568-7573, Vol. 95, USA.

HANCOCK et al., Costimulatory function and expression of CD40 ligand, CD80, and CD86 in vascularized murine cardiac allograft rejection, Proc. Natl. Acad. Sci., November 1996, pp. 13967-72, Vol. 93, USA.

KAMPGEN et al., Class II major histocompatibility complex molecules of murine dendritic cells: Synthesis, sialylation of invariant chain, and antigen processing capacity are down-regulated upon culture, Proc. Natl. Acad. Sci., April 1991, pp. 3014-18, Vol. 88, USA.

NICHOLSON et al., Heteroclitic proliferative responses and changes in cytokine profile induced by altered peptides: Implications for autoimmunity, Proc. Natl. Acad. Sci. January 1998, pp. 264-69, Vol. 95, USA.

STEEME et al., T lymphocytes from human atherosclerotic plaques recognize oxidized low density lipoprotein, Proc. Natl. Acad. Sci, April 1995, pp. 3893-97, Vol. 92, USA.

**Serial No.:** 09/666,430

TAN, Glucocorticoids -- Disease Mechanism II: Inflammation (last modified 5-7-03)  
<[http://www.stanford.edu/group/hopes/treatmts/antinflm/i\\_...](http://www.stanford.edu/group/hopes/treatmts/antinflm/i_...)>.

This Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits.

I hereby certify that no item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the statement, and therefore no fee is due.

Respectfully submitted,



G. Scott Dorland, Ph.D.  
Registration No. 51,622  
Attorney for Applicant(s)  
TRASKBRITT, P.C.  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: November 21, 2003  
GSD/bv

Enclosures: Form PTO-1449 or PTO/SB/08  
Copy of documents cited

Document in ProLaw



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	09/666,430
Filing Date	September 21, 2000
First Named Inventor	Rea et al.
Group Art Unit	1644
Examiner Name	G. Ewoldt
Attorney Docket Number	2183-4205 IUS

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		AHFS Drug Information 91, p. 1810.	
		Molecular Biology of the Cell, 1989, pp. 1044-48.	
		Remington's Pharmaceutical Sciences, 1985, pp. 958-72, Mack Publishing Company, USA.	
		Fujikawa v. Wattanasin, 93 F.3d. 1559, August 28, 1996, Decided.	
		Dictionary of Genetics, 1997, pp. 14, 332, Oxford University Press, USA.	
		CRONSTEIN et al., A mechanism for the antiinflammatory effects of corticosteroids: The glucocorticoid receptor regulates leukocyte adhesion to endothelial cells and expression of endothelial-leukocyte adhesion molecule 1 and intercellular adhesion molecule 1, Proc. Natl. Acad. Sci., November 1992, pp. 9991-95, Vol. 89, USA.	
		GRETEN et al., Direct visualization of antigen-specific T cells: HTLV-1 Tax11-19-specific CD8+ T cells are activated in peripheral blood and accumulate in cerebrospinal fluid from HAM/TSP patients, Proc. Natl. Acad. Sci., June 1998, pp. 7568-7573, Vol. 95, USA.	
		HANCOCK et al., Costimulatory function and expression of CD40 ligand, CD80, and CD86 in vascularized murine cardiac allograft rejection, Proc. Natl. Acad. Sci., November 1996, pp. 13967-72, Vol. 93, USA.	
		KAMPGEN et al., Class II major histocompatibility complex molecules of murine dendritic cells: Synthesis, sialylation of invariant chain, and antigen processing capacity are down-regulated upon culture, Proc. Natl. Acad. Sci., April 1991, pp. 3014-18, Vol. 88, USA.	
		NICHOLSON et al., Heteroclitic proliferative responses and changes in cytokine profile induced by altered peptides: Implications for autoimmunity, Proc. Natl. Acad. Sci. January 1998, pp. 264-69, Vol. 95, USA.	
		STEEME et al., T lymphocytes from human atherosclerotic plaques recognize oxidized low density lipoprotein, Proc. Natl. Acad. Sci. April 1995, pp. 3893-97, Vol. 92, USA.	
		TAN, Glucocorticoids -- Disease Mechanism II: Inflammation (last modified 5-7-03) < <a href="http://www.stanford.edu/group/hopes/treatmts/antinflm/i_...">http://www.stanford.edu/group/hopes/treatmts/antinflm/i_...</a> >.	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.